

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A control element for a mobile computer and a base station operable to functionally interact with the mobile computer, the control ~~device~~ element being operable to[[;]]:

detect when [[a]] the mobile computer is interacting with the base station by wireless communications between the mobile computer and the base station, with the mobile computer and the base station not being directly connected to each other, and cause the mobile computer to perform a transition from an operating state to another state,

wherein the mobile computer saves system context information when performing the transition,

and wherein the control element is operable to cause the base station to perform a transition to an operating state in accordance with the system context information.

2. (Original) A control element according to claim 1 operable to cause the mobile computer to perform a transition from an operating state to the other state by sending a transition request to an operating system of the mobile computer.

3. (Original) A control element according to claim 2 operable to detect a transition-complete event generated by the operating system and cause the base station to perform a transition to an operating state in response to the transition.

4. (Previously Presented) A control element according to claim 1 wherein the mobile computer saves system context information to a data storage medium provided on the mobile computer and wherein the control element is operable to copy the system context information from the mobile computer data storage medium to a base station data storage medium.

5. (Currently Amended) A control element according to claim 1 wherein the control ~~device element~~ is operable to cause the base station to perform a transition to an operating state by sending a restore instruction to the base station to cause the base station to restore to an operating state in accordance with the system context information.

6. (Currently Amended) A control element according to claim 1 ~~provided as a micro-controller~~ wherein the mobile computer is capable of entering one of a plurality of different sleep states, and wherein the system context information includes a numeric value indicating which of the plurality of sleep states the mobile computer has entered.

7. (Currently Amended) A ~~mobile computer operable to functionally interact with a base station, the mobile computer being provided with a~~ control element according to claim [[1]] 6 wherein the control element is operable to cause the base station to perform the transition to the operating state in accordance with the system context information by retrieving the system context information from either a single stored file in the mobile computer or a plurality of stored files in the mobile computer, depending upon which of the plurality of different sleep states the mobile computer has entered.

8. (Previously Presented) A base station operable to functionally interact with a mobile computer, the base station being provided with a control element according to claim 1.

9. (Currently Amended) A mobile computer operable to functionally interact with a base station, the mobile computer being operable to:

detect when the mobile computer is interacting with a base station by wireless communications between the mobile computer and the base station, with the mobile computer and the base station not being directly connected to each other; and

perform a transition from an operating state to another state,

wherein the mobile computer saves system context information when performing the transition,

such that the system context information is retrievable by the base station by way of wireless communications between the base station and the mobile computer.

10. (Original) A mobile computer according to claim 9 further comprising a local data storage medium wherein the system context information is saved to the local data storage medium.

11. (Previously Presented) A mobile computer according to claim 9 operable to perform the transition in response to a transition request received by the mobile computer.

12. (Currently Amended) A base station operable to interact with a mobile computer, the base station being operable to detect when a mobile computer is functionally interacting with the base station and perform a transition to an operating state,

wherein the step of performing the transition comprises the step of retrieving system context information saved by the mobile computer and performing the transition to an operating state in accordance with the system context information,

and wherein the functionally interacting between the mobile computer and the base station corresponds to wireless communications between the mobile computer and the base station.

13. (Original) A base station according to claim 12 operable to send a transition request to the mobile computer to cause the mobile computer to perform a transition from an operating state to another state and save system context information.

14. (Previously Presented) A base station according to claim 12 operable to detect a transition-complete event of the mobile computer and perform a transition to an operating state in response to the transition-complete event.

15. (Previously Presented) A base station according to claim 12 wherein the mobile computer saves the system context information to a local data storage medium provided on

the mobile computer and wherein the base station reads the local data storage medium to retrieve the system context information.

16. (Previously Presented) A base station according to claim 12 wherein the base station is operable to copy the system context information to a data storage medium of the base station prior to performing the transition to an operating state.

17. (Currently Amended) A system comprising a mobile computer according to claim 9.

18. (Currently Amended) A method of controlling a mobile computer comprising the steps of[[;]]:

detecting when the mobile computer is functionally interacting with a base station;  
and

performing a transition from an operating state to another state,  
wherein the step of performing the transition comprises storing system context information such that the system context information is retrievable by the base station, and  
wherein the functionally interacting between the mobile computer and the base station corresponds to wireless communications between the mobile computer and the base station.

19. (Currently Amended) A method of controlling a base station comprising the steps of[[;]]:

detecting when a mobile computer is interacting with the base station; and  
performing a transition to an operating state,  
wherein the step of performing the transition comprises the step of retrieving system context information saved by the mobile computer and performing the transition to an operating state in accordance with the system context information, and  
wherein the interacting between the mobile computer and the base station corresponds to wireless communications between the mobile computer and the base station.

20. (Previously Presented) A system comprising a mobile computer and a base station according to claim 12.

21. (Currently Amended) A system comprising:  
a mobile computer; and  
a base station,

the mobile computer being configured to functionally interact with the base station and to detect when the mobile computer is interacting with the base station and perform a transition from an operating state to another state, wherein the mobile computer saves system context information when performing the transition, such that the system context information is retrievable by the base station; and

the base station being configured to functionally interact with the mobile computer, the base station being operable to detect when the mobile computer is functionally interacting with the base station and to perform a transition to an operating state, wherein the transition comprises retrieving system context information saved by the mobile computer and performing the transition to an operating state in accordance with the system context information,

wherein the functionally interacting between the mobile computer and the base station corresponds to wireless communications between the mobile computer and the base station.